SECRET

ILLEGIB

[redacted]

18 June 1981

[redacted]

NOTE FOR: DD/A
DD/P
C/SPS

25X1 FROM : [redacted]

As requested by DD/P I have noted in the attached some issues from the NFAC Five Year ADP Plan which may have some impact on ODP. If you care to comment on these and others you may have found please return to me by 26 June.

[redacted]

25X1

[redacted]

25X1

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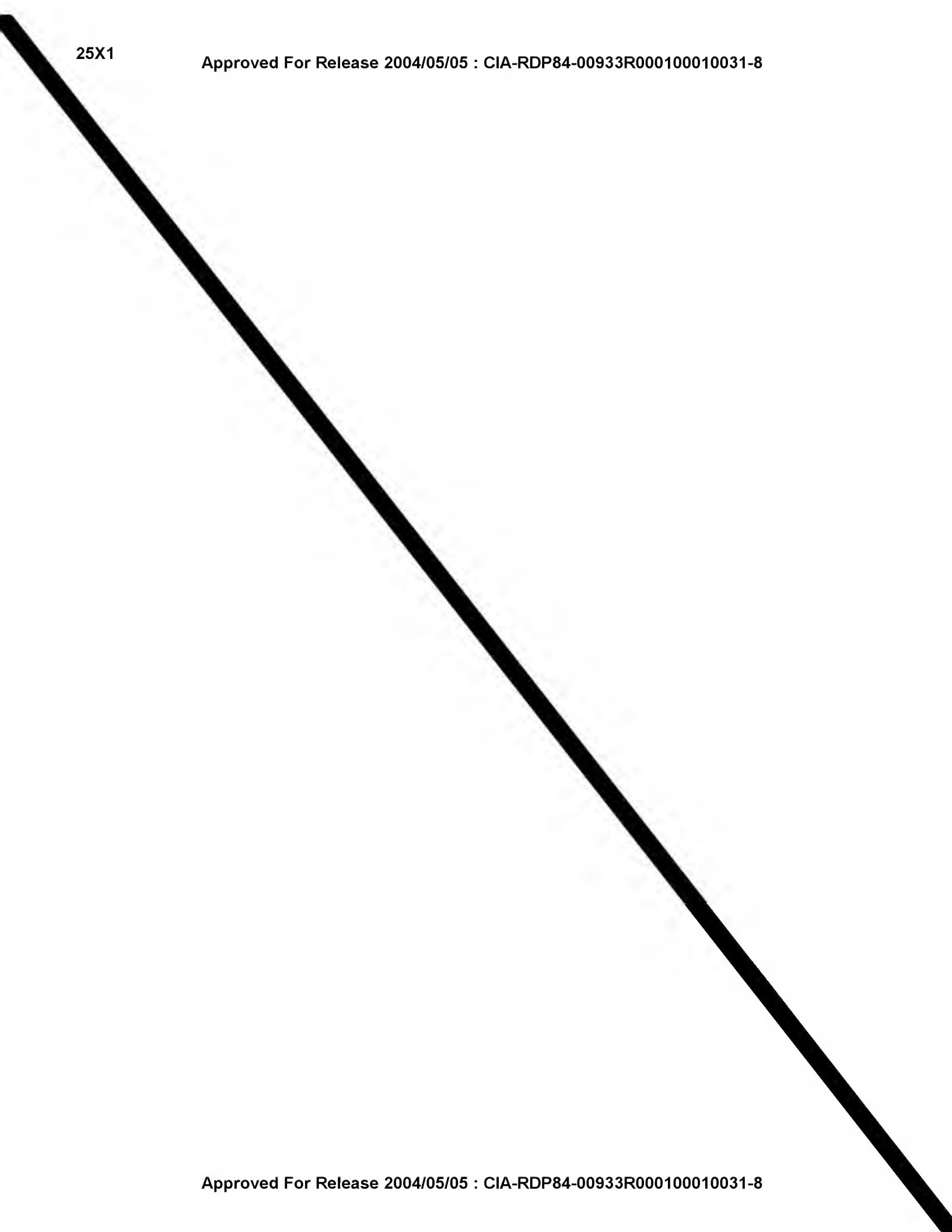
SECRET



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Page A-4

OCO: "Studies to be performed in FY 1982 will define the requirements for linking CMASS to SAFE, and other inter- and intra-Agency systems. Publications Division presently is working with SAS/OCR establishing interface requirements with SAFE. Publications Division needs to pass finished intelligence to SAFE for indexing and storage more importantly they need to receive 'composed' files and to maintain proper procedures involving the NFAC publications process."

Page A-10

25X1 OCR: The operation of [redacted] is not likely to be discontinued before FY 1984.

Page A-16

OER: VM availability: OER needs the VM system to be available in a non-degraded mode during the period 0700-1800, Monday through Friday, for 99.85 percent of the time. Furthermore, we ask that there be no scheduled outages, re-IPLs, or testing during these times.

VM response: OER needs the VM system to respond as follows:

-- Trivial VM response. We need a maximum response time of a half second for trivial commands such as the SEDIT "NEXT" command, whenever the VM system is operating.

-- Routine processing response. We need a maximum response time of three minutes during the period 0700-1800, Monday through Friday, for the following routine TROLL request:

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USEMOD ADDMOD;

SIMULATE;

SIMSTART 1979 1;

DOTIL 1981 1;

SAVESIM ADDANS;
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The ADDMOD model cited above contains about 240 equations and can be found on the TROLL formatted VM minidisk OER 209.

25X1

All Portions of this document are classified "SECRET" unless otherwise indicated.

Page A-31

OGSR: The first priority ADP requirement for FY 1983 is the acquisition of hardware and software for five interactive graphic/cartographic workstations for the Interactive Carto-Graphic Analysis Design and Drafting
25X1 System (ICADDS) [redacted]. These workstations represent the fullest expression of the latest concepts in computer graphics technology. They will permit input, color display, and output devices to be tied together through software into a unified system, thereby enabling the operator and computer to interact visually in near-realtime. With interfaces to data bases on the
25X1 mainframe computers [redacted] the workstations become the focal point for the receipt and manipulation of electronic data from analysts. These workstations would allow the Division to continue the conversion of its production process from one of selective automation to one of a more fully integrated automated system.

Page A-40

OPA: "Our studies indicate that OPA will require [redacted] SAFE Terminals by the end of 1983. We feel that all of these terminals should provide access not only to SAFE but to ODP's VM and BATCH system. The terminals should also provide some type of user oriented word processing capability." 25X1

Page A-41

OPA: "Software will also need to be developed by the end of 1984 that will allow the SAFE user to quickly and easily transfer data from its SAFE system to ODP's VM and BATCH system, and vice versa. The user should be able to use any of the software packages currently available on the ODP systems with any data maintained within the SAFE system. Currently, many analyst use the statistical and graphics packages resident on the ODP system. They will want to continue doing this in the SAFE era. We do not want to re-train all our analysts and new graphic and statistical packages when SAFE arrives. These users, when given access to SAFE software, will want to use these same statistical and graphic packages to process subsets of SAFE data."

Various Pages

OSWR: Projections of OSWR CPU Requirements (168 hours):

Page 10 - Fiscal Year Totals

FY-81	FY-82	FY-83	FY-84	FY-85	FY-86
4455	4930	5610	6240	6450	6640

FY-81 through FY-84 = Batch + VM
FY-85 on = Batch only
(VM work moved to TADS)

Mass Storage Device:
OSWR has a requirement for a reliable, compressed, easily accessable storage method, as an alternative to tapes (additional information has been requested e.g. amount of data, frequency of access, etc.)

Direct Access Storage Device (TADS only and in Megabytes):
Page 12-13 - Fiscal Year Totals

FY-80	FY-82	FY-84	FY-86
829.7	3081.6	3643.9	4497.2

FY-82 - Increase due to new collection system
FY-84 - TADS growth
FY-86 - TADS growth plus the users that move over from the VM Service
Note: There was no mention of the releasing of DASD space on the VM Service when OSWR analysts begin to move to TADS.

Interactive Graphics:
Current graphic stations can display up to 6,000 data points, during early FY-82 OSWR will require four of these stations to be upgraded to display at lease 20,000 data points. In addition, two new 20,000 data point stations are required to support increased use of TADS. Also, OSWR requires that an Advanced Graphic Station (raster scan with color) capable of displaying 250,000 data points be installed during FY-82 and another during FY-83. OSWR is also requesting additional hardcopy graphics and data tablets and a publication-quality hardcopy graphic station.

TADS Hardware Location and Availability:
During FY-81 and continuing into FY-82, OSWR will begin to relocate the TADS stations closer to the user (OSWR offices). OSWR requests that the GIC be relocated from 1D10 to an ODP area by May 1981. The GIC will then be operated by ODP and TADS will become a 24 hour sytem. Improved reliability is reguarded by OSWR to be the highest priority for analyst acceptance of TADS.